Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092424AL\
Data File : FC067247.D
Signal(s) : FID1A.ch
Acq On : 24 Sep 2024 13:57
Operator : YP/AJ
Sample : PB163643BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
FID_C
**ClientSampleId :**
PB163643BS

Integration File: autoint1.e
Quant Time: Sep 25 02:43:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
Quant Title : GC Extractables
QLast Update : Wed Sep 11 02:55:44 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

| | Compound | R.T. | Response | Conc Units |
|---|---|---|---|---|
| | System Monitoring Compounds | | | |
| 9) S | ortho-Terphenyl (SURR) | 11.503 | 5563232 | 39.953 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 79.91% |
| 12) S | 1-chlorooctadecane (S... | 12.940 | 4178496 | 42.775 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 85.55% |
| | Target Compounds | | | |
| 1) T | n-Nonane (C9) | 3.288 | 6054288 | 45.642 ug/ml |
| 2) T | n-Decane (C10) | 4.347 | 6351905 | 47.294 ug/ml |
| 3) T | A~Naphthalene (C11.7) | 5.921 | 6654344 | 46.821 ug/ml |
| 4) T | n-Dodecane (C12) | 6.359 | 6248252 | 46.679 ug/ml |
| 5) T | A~2-methylnaphthalene... | 6.976 | 5911001 | 44.265 ug/ml |
| 6) T | n-Tetradecane (C14) | 8.153 | 6384242 | 49.538 ug/ml |
| 7) T | n-Hexadecane (C16) | 9.751 | 6212042 | 48.183 ug/ml |
| 8) T | n-Octadecane (C18) | 11.191 | 6088612 | 47.589 ug/ml |
| 10) T | n-Eicosane (C20) | 12.500 | 6002677 | 49.975 ug/ml |
| 11) T | n-Heneicosane (C21) | 13.110 | 5708974 | 48.881 ug/ml |
| 13) T | n-Docosane (C22) | 13.696 | 5606986 | 48.562 ug/ml |
| 14) T | n-Tetracosane (C24) | 14.797 | 5661371 | 49.853 ug/ml |
| 15) T | n-Hexacosane (C26) | 15.818 | 5429834 | 48.993 ug/ml |
| 16) T | n-Octacosane (C28) | 16.766 | 5229162 | 48.409 ug/ml |
| 17) T | n-Tricontane (C30) | 17.653 | 5354577 | 49.227 ug/ml |
| 18) T | n-Dotriacontane (C32) | 18.483 | 5188745 | 49.745 ug/ml |
| 19) T | n-Tetratriacontane (C34) | 19.266 | 5163435 | 55.967 ug/ml |
| 20) T | n-Hexatriacontane (C36) | 20.005 | 4811922 | 60.720 ug/ml |
| 21) T | n-Octatriacontane (C38) | 20.728 | 4435358 | 59.047 ug/ml |
| 22) T | n-Tetracontane (C40) | 21.617 | 3503979 | 50.154 ug/ml |

(f)=RT Delta > 1/2 Window (m)=manual int.

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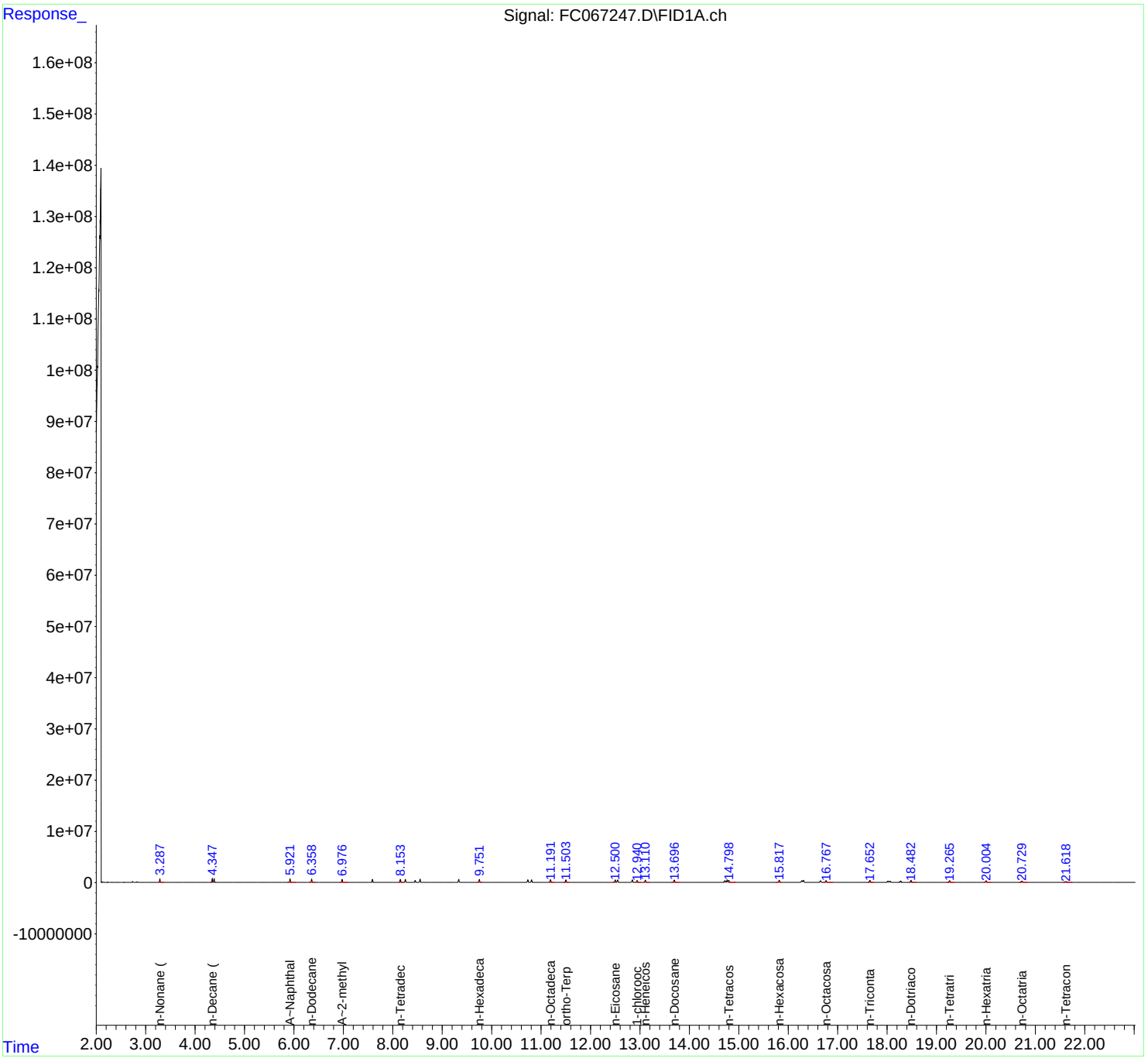
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